



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. Serial No.: 10/632,245
Filing Date: August 1, 2003
Applicant(s): CORTRIGHT et al.

Group Art Unit: 1764
Examiner: Unknown
Attorney Docket No.: 09820.284

Title: **LOW-TEMPERATURE HYDROGEN PRODUCTION FROM OXYGENATED HYDROCARBONS**

INFORMATION DISCLOSURE STATEMENT

MAIL STOP: Information Disclosure Statement

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

To the Commissioner:

Pursuant to 37 CFR 1.56, applicants submit herewith patents, publications or other information of which they are aware that they believe may be material to the examination of this application, and in respect of which there may be a duty to disclose. The following sections are being submitted for this Information Disclosure Statement:

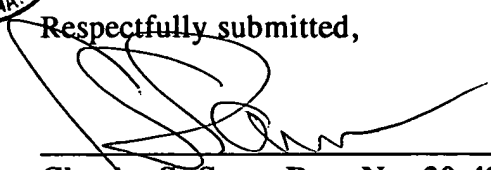
- ☒ Form PTO-1449
- ☒ Patents or Publications

The undersigned attorney hereby declares that the enclosed references were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this supplemental information disclosure statement. Therefore, in accordance with 37 CFR 1.97, no petition fee is required.

Applicants respectfully request that these publications be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.



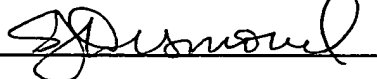
Respectfully submitted,


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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to:

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			<i>Complete if Known</i>		
			Application Number	10/632,245	
			Filing Date	August 1, 2003	
			First Named Inventor	Randy D. Cortright	
			Group Art Unit	1764	
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	09820.284

U.S. PATENT DOCUMENTS						
Examiner Initials	CiteNo.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
		6,413,449		WIELAND, et al.	07-02-2002	
		6,361,757		SHIKADA, et al.	03-26-2002	
		6,280,701		AUTENRIETH, et al.	08-28-2001	
		6,221,117		EDLUND, et al.	04-24-2001	
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		5,861,137		EDLUND	01-19-1999	
		5,651,953		YOKOYAMA et al.	07-29-1997	

Examiner Signature		Date Considered	
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FOREIGN PATENT DOCUMENTS								
Exam. Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document (MM-DD-YYYY)	Location of Relevant Matter (if unspecified, assume entire document is relevant)	Tra ns.
		Office	Number	Kind Code (if known)				
		PCT	WO 99/48804	A1	Johnson Matthey Public Ltd. Co.	09-30-1999		

Examiner Signature		Date Considered	
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**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
		BROWN et al, Carbon-Halogen Bond Scission and Rearrangement of β -Halohydrins on the Rh(111) Surface, <i>J. Phys. Chem.</i> , 98:12737-12745 (1994)	
		B. LINDSTROM & L. J. PETTERSSON, <i>Int. J. Hydrogen Energy</i> 26(9), 923 (2001)	
		KAWAI et al., Production of Hydrogen and Hydrocarbon From Cellulose and Water, <i>Chemistry Letters</i> , pp. 1185-1188 (1981)	
		MINOWA et al., Hydrogen Production from Wet Cellulose by Low Temperature Gasification Using a Reduced Nickel Catalyst, <i>Chemistry Letters</i> , pp. 937-938 (1995)	
		MINOWA et al., Hydrogen Production from Cellulose in Hot compressed Water Using Reduced Nickel Catalyst: Product Distribution at Different Reaction Temperatures, <i>Journal of Chemical Engineering of Japan</i> , Vol.1, No. 3, pp. 488-491 (1998)	
		J. ROSTRUP-NOELSEN, Conversion of hydrocarbons and alcohols for fuel cells, <i>Phys. Chem. Chem. Phys.</i> 3, 283 (2001)	
		USUI et al., Selective Hydrogen Production from Cellulose at Low Temperature Catalyzed by Supported Group 10 Metal, <i>Chemistry Letters</i> , pp. 1166-67 (2000)	
		WANG et al., Catalytic steam reforming of biomass-derived oxygenates: acetic acid and hydroxyavetaldehyde, <i>Applied Catalysis A: General</i> 143, 245-270 (1996)	

Examiner Signature		Date Considered	
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